

### Abstract

It is possible to obtain an industrial robot which assures excellent reduction in maintenance. The industrial robot includes a robot body, a manipulator to control the operation of the robot body, a control device to control the manipulator, a first path disposed between the manipulator and the control device, and a second path between a commercial power source and the manipulator. Since the voltage supplied from the commercial power source in the second path is applied to the manipulator, the robot body becomes freely movable without being controlled by the manipulator.